

Amendments to the Specification:

Please replace the paragraph beginning on page 2, line 27 with the following amended paragraph:

In a ~~A~~-first embodiment of the inductive-system according to the invention, the non-printed coil includes an air coil including a further number of turns defined by at least one wire diameter and at least one coil diameter~~is defined by claim 2~~. By realising the non-printed coil through an air coil ~~comprising~~ including a further number of turns defined by at least one wire diameter and at least one coil diameter, the non-printed coil can be coupled magnetically to a further component and/or to a further part of the printed circuit board.

Please replace the paragraph beginning on page 3, line 1 with the following amended paragraph:

In a ~~A~~-second embodiment of the inductive-system according to the invention~~is defined by claim 3. The~~, the total inductance of the inductive-system is substantially equal to an inductance of the printed coil plus an inductance of the air coil plus a mutual inductance. So, the inductive-value of the inductive-system can be made larger than the sum of the inductive-values of both coils, dependently on the sign of the mutual inductance.

Please replace the paragraph beginning on page 3, line 7 with the following amended paragraph:

In a ~~A~~-third embodiment of the inductive-system according to the invention~~is defined by claim 4. The~~, the value of the mutual inductance can be chosen by combining a right turn air coil or a left turn air coil with a clockwise printed coil or an anti-clockwise printed coil and by selecting a length of the air coil, and increases with the length of the

air coil until a maximum overlapping area between the printed coil and the air coil has been reached.

Please replace the paragraph beginning on page 3, line 13 with the following amended paragraph:

In a ~~A~~-fourth embodiment of the inductive-system according to the invention ~~is defined by claim 5. The~~, the number of turns are further defined by a diameter of a center path and a turning direction (clockwise or anti-clockwise), with the further number of turns being further defined by a turning orientation (right turn or left turn), to create more design options.

Please replace the paragraph beginning on page 3, line 18 with the following amended paragraph:

In a ~~A~~-fifth embodiment of the inductive-system according to the invention ~~is defined by claim 6. With~~, with one end of the non-printed coil being coupled to a center end of the printed coil, and with the other end of the non-printed coil and an outer end of the printed coil constituting ends of the inductive-system, both coils are coupled in a compact way.

Please replace paragraph beginning on page 3, line 23 with the following amended paragraph:

In a ~~A~~-sixth embodiment of the inductive-system according to the invention ~~is defined by claim 7. The~~, the printed coil can be printed on an inner or an outer layer of a printed circuit board, to create more design options, and with the kind of layer used being of little influence to the functioning of the inductive-system.